

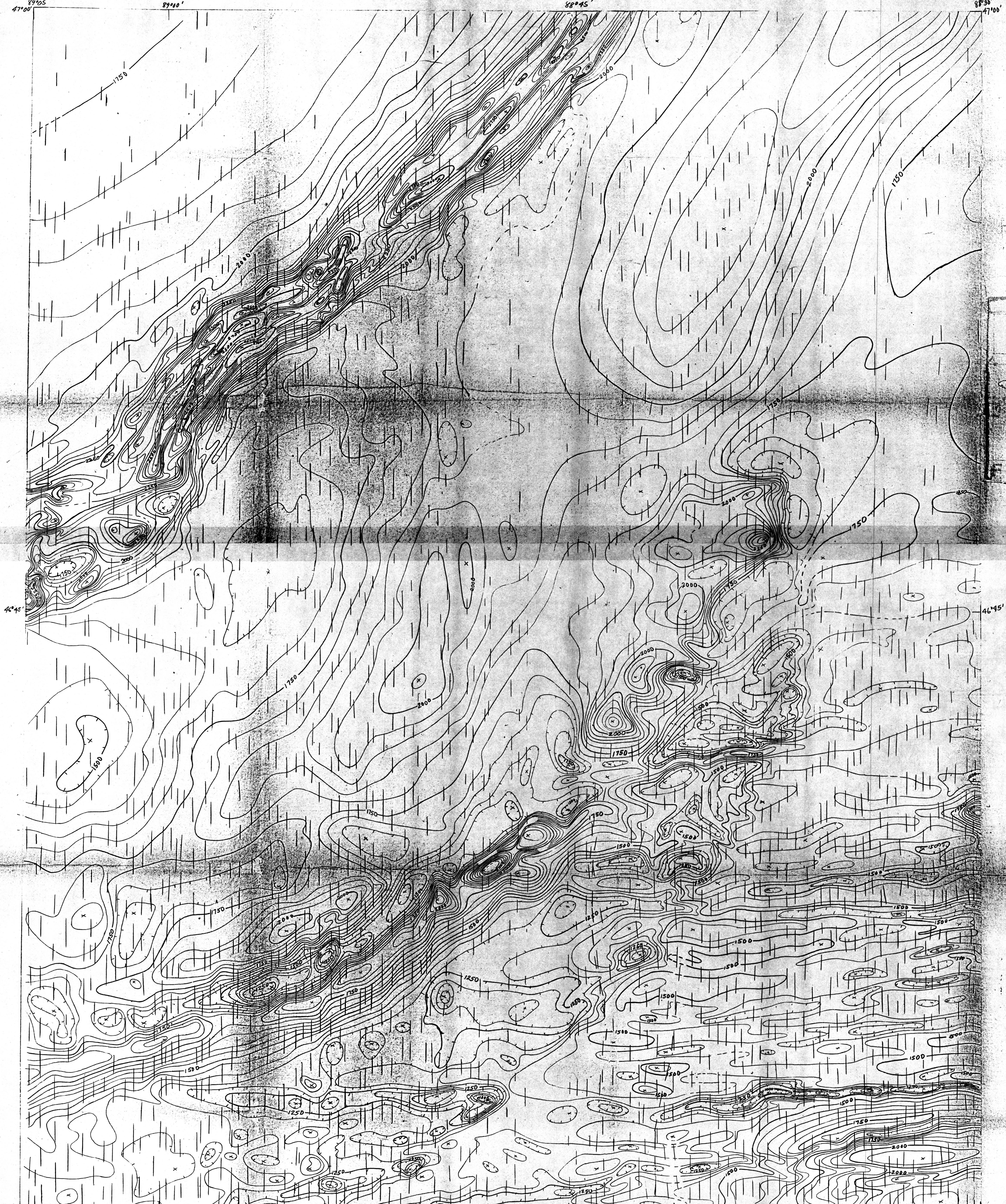
DEPARTMENT OF THE INTERIOR  
UNITED STATES GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH MICHIGAN DEPARTMENT OF CONSERVATION  
GEOLOGICAL SURVEY DIVISION

65-13

GEOGRAPHICAL INVESTIGATIONS  
PRELIMINARY MAP

OF 65-13



AEROMAGNETIC MAP OF PARTS OF NORTHEASTERN ONTONAGON, SOUTHERN HOUGHTON  
AND NORTHWESTERN BARAGA COUNTIES, MICHIGAN

By  
J. R. Balsley and C. W. Smith

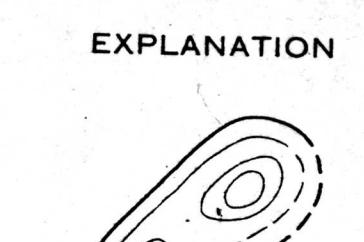
SCALE 1:62,500  
1965

Aeromagnetic Survey taken at  
500 feet above ground, 1947

Base from U.S. Geological Survey  
topographic quadrangles.

This map is preliminary  
and has not been edited  
or revised for conformity  
to Geological Survey  
standards and nomenclature.

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Magnetic contours showing total intensity  
magnetic field of the earth in gammas  
relative to normal. Hatched to indicate areas of lower magnetic  
intensity. Contour interval 50 gamma.

X Location of measured maximum or minimum  
intensity within closed high or closed low

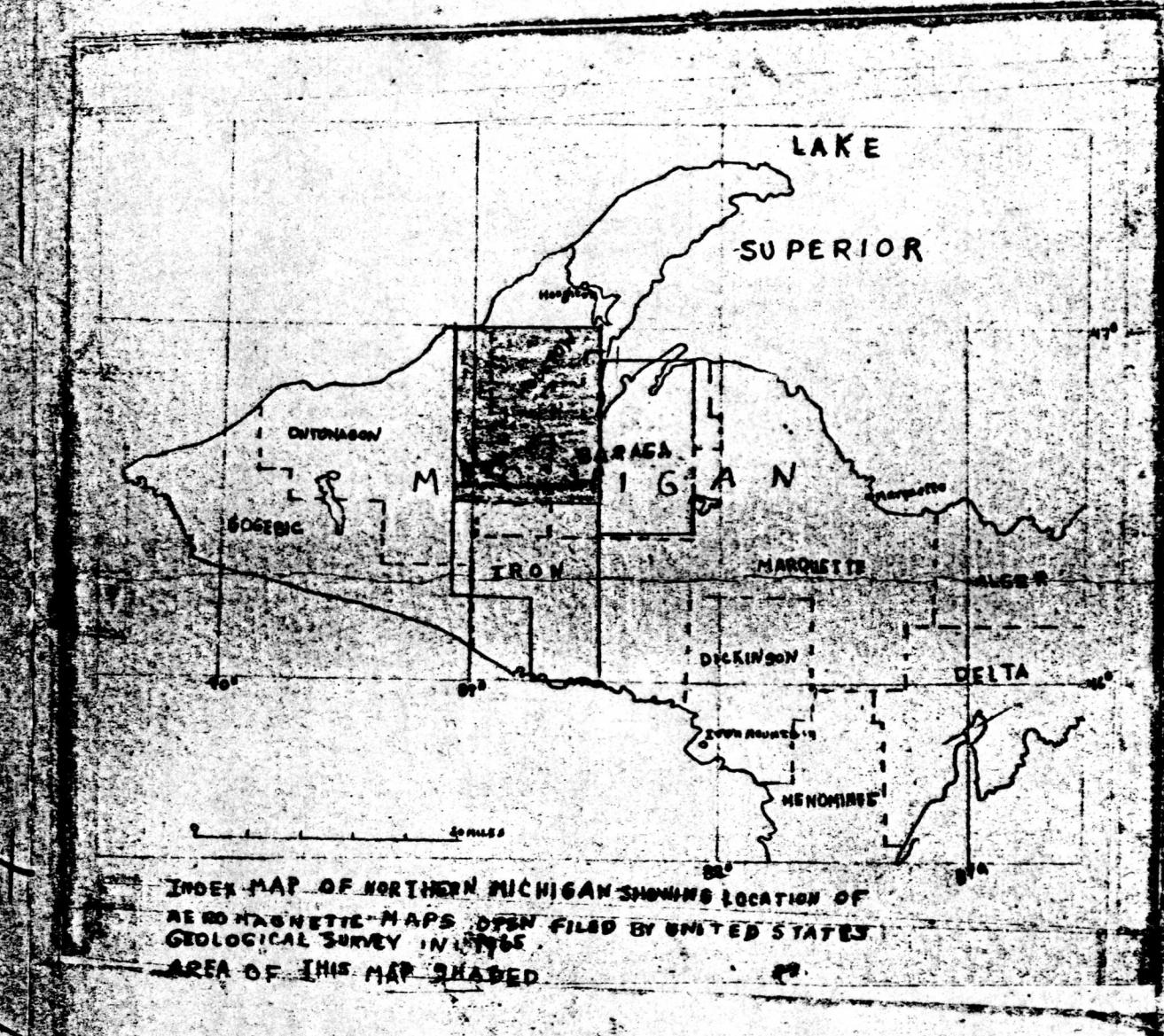
Flight path  
Showing location and spacing of data

NOTE

Aeromagnetic data are obtained and compiled  
along a continuous line, whereas ground magnetic  
surveys are made in a point-to-point manner. Errors  
in the normal line of any magnetic measurement may  
cause slight discrepancies between flight lines in an  
aeromagnetic survey. These errors are usually less  
than similar discrepancies between points in a  
ground magnetic survey. For this reason as much care  
should be exercised in interpreting aeromagnetic data  
that appear as elongations along a single aero-  
magnetic traverse as in interpreting anomalies  
indicated by a single ground station.

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JUN 4 1965



INDEX MAP OF NORTHERN MICHIGAN SHOWING LOCATION OF  
THIS MAP IN RELATION TO OTHER PORTIONS OF THE STATE AND THE  
FIELD OF THE UNITED STATES GEOLOGICAL SURVEY IN THAT AREA. THE AREA OF THIS MAP IS SHADeD.